



Form GSOP 1-PIN (04/98)

STATE OF CALIFORNIA  
Department of General Services - Office of Procurement

**PURCHASE ORDER**

Page 1 (Last)

Purchase Order No. Rev. Date  
**62409** 6/30/2009

Supplier No.	Solicitation No.	Delivery Date	FOB Point	Invoice Terms
39567	57408	60 Days ARO	Destination	

HOLT OF CALIFORNIA  
7310 PACIFIC AVE  
PLEASANT GROVE, CA 95668  
Attn: ROD MCNABB

*S h T i o p* DEPT PARKS & RECREATION  
PRAIRIE CITY SVRA  
13300 WHIT ROCK ROAD  
RANCHO CORDOVA, CA

*C h a T r o g e* PARKS & RECREATION A-50  
OHMVR DIV  
PO BOX 942896  
SACRAMENTO, CA 94296-0001

Agency Billing	Agency Purchase Estimate	Purchase Estimate	Revision
53550	E08V5003	67463	0

Phone: 916-991-8305

Agency Contact  
RICHARD FLORES

Phone  
916-657-1390

Date Received

Item No.	Quantity	Unit	Commodity Code	Description	Unit Price	Extension
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THE GENERAL PROVISIONS FOR NON-IT COMMODITIES ARE HEREBY INCORPORATED BY REFERENCE. THESE GENERAL PROVISIONS CAN BE OBTAINED BY PHONING (916) 375-4400 OR BY ACCESSING OUR WEBSITE AT:

[www.documents.dgs.ca.gov/pd/modellang/GPnonIT0407.pdf](http://www.documents.dgs.ca.gov/pd/modellang/GPnonIT0407.pdf)

THE FOLLOWING INFORMATION IS PROVIDED FOR AGENCY USE ONLY:

PRIME CONTRACTOR: NS

1	2	EA	2410-563-0101-2	TRACTOR TRACKLAYING (AS DESCRIBED) Tractor, Track laying, 90 HP, power angle Tilt as described per specification #2410-0667 of four (4) pages, dated June 23, 2009.	109,763.0000	219,526.00
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Brand: CATERPILLAR

Model: DSK

Total Value: 219,526.00

This purchase order is being awarded on September 3, 2009 pursuant to Government Code Section 13332.17. Any encumbrances made pursuant to this purchase order shall be construed to have been made on the last day of the preceding fiscal year.

This Purchase order has been registered into the state contract and procurement registration system (<https://www.scprs.dgs.ca.gov/>). The registration number is eP 1028550.

Sales and/or use tax to be extra unless noted above

Buyer	Phone	BOC Number
GUS QUINTERO	916-375-4499	

### **DELIVERY**

For the purposes of this order, only Free On Board (F.O.B.) Destination will be accepted.

Delivery is to be completed in full within 60 days after receipt of order (ARO).

Delivery is to be made during normal business hours Monday through Friday, 8:00 A.M. – 12:00 P.M. or 1:00 – 4:00 P.M.

The Tractor, Track Laying shall be delivered to the following address:

Department of Parks and Recreation  
Prairie City SVRA  
1330 White Rock Road  
Rancho Cordova, CA 95742

Note: In accordance with paragraph 15 of the General Provisions entitled "Delivery", the contractor shall strictly adhere to the delivery terms and completion schedule as specified in this solicitation. Failure to comply with the delivery requirements, as stated, may be considered a breach of contract and subject the contractor to General Provisions 26, entitled "Rights and Remedies of the State for Default".

### **TRACTOR, TRACK LAYING REQUIREMENTS**

Tractor, Track Laying offered shall be in accordance with the requirements of this Solicitation. Features that are not part of this specification but are a part of the manufacturer's standard commercial product or normally supplied shall be included in the unit being furnished. A standard commercial product is a product, which has been sold or is being currently offered for sale on the commercial market through advertisements of manufacturer's catalogs, or brochure, and represents the latest production model.

### **OPERATION MANUALS**

Vendor shall provide, upon request by the State, a copy of necessary functional manuals, adjustment manuals, schematic diagrams and parts catalogues. Parts for equipment are to be available for each model and available for purchase by the State at no greater cost than published list prices. MANUALS ARE TO BE IN THE ENGLISH LANGUAGE.

### **CALIFORNIA VEHICLE CODE**

Bidders shall comply with all provisions of the California Vehicle Code pertaining to occupational licensing requirements for vehicle dealers, manufacturers, etc. Bidders are to submit along with their bid a copy of their valid occupational license issued by the California Department of Motor Vehicles, or a valid copy of their dealer's license issued by the state where their business is located along with a copy of the occupational license of the California joint bidder. Bidders who fail to submit a copy of a valid occupational license when requested will not be eligible for award.

### **FEDERAL NHTSA CERTIFICATION**

Final stage manufacturers shall be certified by National Highway Traffic Safety Administration and be registered to manufacture or alter vehicles in accordance with the Code of Federal Regulation, Title 49, and Parts 567-568.

### **FEDERAL EXCISE CERTIFICATE**

Federal Excise Tax Exemption Certificate will be attached to purchase order.

### **CHANGE ORDER:**

This Purchase Order may be amended, modified, or terminated at any time by mutual agreement of the parties in writing. Change orders amending, modifying or terminating the Purchase Order, including any modifications of the compensation payable, may be issued only by the State Procurement Officer. All such change orders shall be in writing and issued only upon written concurrence of the supplier. Termination, as that term is used in this section, does not include termination for default of the supplier.

**DGS**

**STATE OF CALIFORNIA**  
**BID SPECIFICATION**  
**TRACTOR, TRACK LAYING, 90HP, POWER ANGLE TILT**

2410-0667

**1. SCOPE**

It is the intent of this specification to describe a new, self-propelled Track Laying Dozer Tractor of latest design and construction. The tractor will be used for maintaining and constructing motorcycle trails, cleaning sediment basins, hillside restoration, and pulling trail-grooming implements. The tractor will be operated under varying conditions from level ground to steep hillside operation. Unit described below shall be a new, current year manufacture, crawler dozer that is manufacturer's latest design and production, complete, serviced, ready for work, and includes all standard equipment.

**2. APPLICABLE SPECIFICATIONS / STANDARDS**

- 2.1 Specifications and standards referenced in this document in effect on the opening of the invitation for bid, form a part of this specification.
- 2.2 Bidder shall comply with requirements of following standards and codes as they apply:
  - 2.2.1 United States Code of Federal Regulations, Title 40, Part 89 (40 CFR Part 89).
  - 2.2.2 California Codes Vehicle Code.
  - 2.2.3 Environmental Protection Agency and California Air Resources Board.
  - 2.2.4 Society of Automotive Engineers (SAE) and / or International standards Organization (ISO).

**3. REQUIREMENTS**

**3.1 SAE Operating Weight :**

- 3.1.1 Weight without add-on weights shall be  $\geq 18,500$  lb (8391 kg).

**3.2 Engine:**

- 3.2.1 The crawler engine shall have a minimum 90 SAE net hp (67 kW), four-cylinder, turbocharged intercooled diesel. It shall be a wet-sleeve cylinder liner design for maximum cooling and engine life. Engine must meet Tier III Emission Requirements.
- 3.2.2 The pressurized liquid cooling system shall have a water pump driven automatically adjusting belt. Radiator shall be filled with manufacturer's approved anti-freeze solution that provides protection to at least  $-34^{\circ}$  F ( $-37^{\circ}$  C).
- 3.2.3 The fuel system shall have a fuel shut-off valve to prevent fuel loss during filter changes. The system shall have a water separator located between the fuel tank outlet and the fuel filters.
- 3.2.4 The engine lubrication shall be of adequate design to permit operation on slopes up to  $45^{\circ}$  in any direction. The engine oil and filter change interval shall be 500 hours.
- 3.2.5 The radiator shall be wide fin design to minimize overheating and ease cleanout.

**3.3 Electrical:**

- 3.3.1 Batteries shall have a Cold-Cranking-Amps (CCA) rating of  $\geq 900$ . Alternator shall be  $\geq 65$  amps.
- 3.3.2 Unit shall have a minimum of four front and three rear work lights and a lighted instrument panel.

- 3.3.3  $\geq 2$  front lights shall be provided lighting over the dozer blade and two cab mounted lights to light the blade corners.

**3.4 Transmission:**

- 3.4.1 Dual-path hydrostatic drive with infinite speed capability, dynamic braking, full power turns and counter rotation is preferred.
- 3.4.2 Torque converter powershift with a minimum of three speeds forward and reverse is also allowable.
- 3.4.3 The dozer shall have minimum forward speed of 5.0 mph (8.0 km/h) forward and reverse.
- 3.4.4 Design must permit unrestricted speed and direction changes under full engine rpm and load.
- 3.4.5 A load sensing system that work to downshift and upshift automatically are preferred.
- 3.4.6 Deleted.

**3.5 Steering:**

- 3.5.1 Steering shall be fully modulated at all speeds to provide smooth operation.
- 3.5.2 Steering brakes shall be oil-cooled.

**3.6 Final Drive:**

- 3.6.1 Double reduction planetary gear or triple reduction, bull gear final drives must be isolated from the track frames.

**3.7 Brakes:**

- 3.7.1 The crawler shall have hydrostatic (dynamic) braking system.
- 3.7.2 Heavy-duty service brake controlled by foot pedal for torque converter transmission equipped dozers.
- 3.7.3 The parking brake shall be of sufficient capacity to hold weight of crawler on slopes.
- 3.7.4 Parking brake shall apply automatically when the crawler directional control is in neutral and within five feet whenever engine stops.

**3.8 Track and undercarriage:**

- 3.8.1 7 bottom roller track frame with front and rear track guides and sprocket guards.
- 3.8.2 The dozer shall have one or more carrier roller on each side. Sealed and life-time lubricated rollers, idlers and track chain.
- 3.8.3 Full length rock guards for bottom rollers.
- 3.8.4 Track gauge shall be  $\geq 61$ " (1,549mm).
- 3.8.5 The track length on the ground shall be  $\geq 91$ ".
- 3.8.6 Minimum 18 in. (457 mm), single bar grouser track shoes.
- 3.8.7 Ground pressure not to exceed 5.8 psi. (40 kPa).
- 3.8.8 Ground clearance shall be  $\geq 13$ ".

**3.9 Dozer:**

- 3.9.1 The dozer shall be a hydraulically actuated, inside mounted all hydraulic blade (power-angle-tilt PAT). The blade hydraulic system shall provide raise, lower, tilt, angle and float. The blade capacity shall be a minimum (per SAE J1265) of 2.57 yd<sup>3</sup> (1.96 m<sup>3</sup>).
- 3.9.2 The dozer tilt shall be a  $\geq 15.7^\circ$  right and left. It shall have a raise height of  $\geq 30$ " and dig depth below ground of 19.7". The blade height  $\geq 38$ ", and blade width of  $\geq 113$ ".
- 3.9.3 The dozer moldboard must be equipped with a three-piece replaceable cutting edge. The dozer shall have adjustable blade pitch.

**3.10 Hydraulic System:**

- 3.10.1 The system shall have  $\geq 15$  gpm (56.8 L/min.) flow and provide adequate cooling.
- 3.10.2 The independent hydraulic system reservoir capacity shall have adequate cooling and filtration to permit 2000 hour oil drain intervals.
- 3.10.3 All hoses shall be of an o-ring seal design to reduce leakage and facilitate repairs.

**3.11 Operator's Station:**

- 3.11.1 The enclosed operator's station shall be SAE J1040 ROPS/FOPS certified. It shall be isolation mounted and include a roof panel. Instrumentation vandal protection shall be included on ROPS canopy unit.
- 3.11.2 The highest quality ergonomically designed adjustable suspension seat with multiple seat adjustable fore, aft, vertically, and adjustable angles of seat cushion and backrest. The seat will be equipped with three-inch belts.
- 3.11.3 Front and rear independently controlled wiper assemblies with front washer shall be installed.
- 3.11.4 The cab shall be equipped with lockable doors from the outside.
- 3.11.5 One inside and two outside mounted rear view mirrors will be installed.
- 3.11.6 All glass shall be tinted safety glass.
- 3.11.7 An AM/FM/CD radio with speakers shall be installed.
- 3.11.8 All side and rear window glass shall be protected by a mesh screen hinged for easy window cleaning and debris removal.

**3.12 Instrumentation:**

- 3.12.1 Unit shall have dash mounted gauges and/or monitoring system that shall include: transmission temperature, engine coolant temperature, engine oil pressure, hydraulic filter restriction, transmission filter restriction, electric voltage, and electric hour meter.

**3.13 Additional Equipment:**

Unit shall be equipped with all standard equipment and shall include:

1. Park Brake engagement indicator, dash-mounted.
2. Full engine enclosure with locks.
3. Warning horn
4. Electric hour meter

5. Coolant level sight gauge
6. Hydraulic oil level sight gauge
7. Full vandal lockup kit on all openings/fill spouts.
8. Key type start/stop
9. Full Crankcase guard
10. Full Power train guard
11. Minimum of two rear mounted cab work lights in addition to standard lighting package.
12. Adequate fuel supply to operate 10-hour work shift without refueling.
13. Engine enclosures with hinged side doors, lockable.
14. Hinged heavy-duty radiator guard to allow for easy cleaning of radiator.
15. Manufactures standard color paint.
16. Wire mesh type screen covering rear window side windows and air conditioning unit.
17. Logging type sweeps mounted on front of engine compartment extending up to top, front of cab assembly.
18. Tow hitch with rear attachment hydraulics including hydraulic quick couplers for attachment of rear implements.
19. Backup alarm
20. All fluid drains, (engine oil, coolant, hydraulic oil, diesel fuel, sediment drain, and power train case(s)), shall incorporate ecology type drains to control fluid flow while servicing.
21. Front idler shields with front pull hooks
22. Rear Parallelogram ripper with 3 shank replaceable teeth
23. 12V power port
24. Dry-type air cleaner with safety element and restriction indicator
25. One additional auxiliary hydraulic valve in the rear of the tractor to operate an implement.